

AMENDMENTS TO THE ABSTRACT

Please cancel the previous abstract and replace with the new abstract.

An adaptive seat and backrest cushion, divided into a seat cushion and a backrest cushion of essentially the same construction. A number of webs are introduced between an upper skin and a lower skin of an airtight shell by welding or gluing. The first webs are of simple construction, the second webs are of double construction each with a cavity between the webs. The space within the shell is filled with compressed air at a pressure p_1 , the cavities can be pressurised as required with compressed air at a pressure of p_2 , where $p_2 > p_1$. The thickness as well as the softness of the seat or backrest cushion can thus be altered.